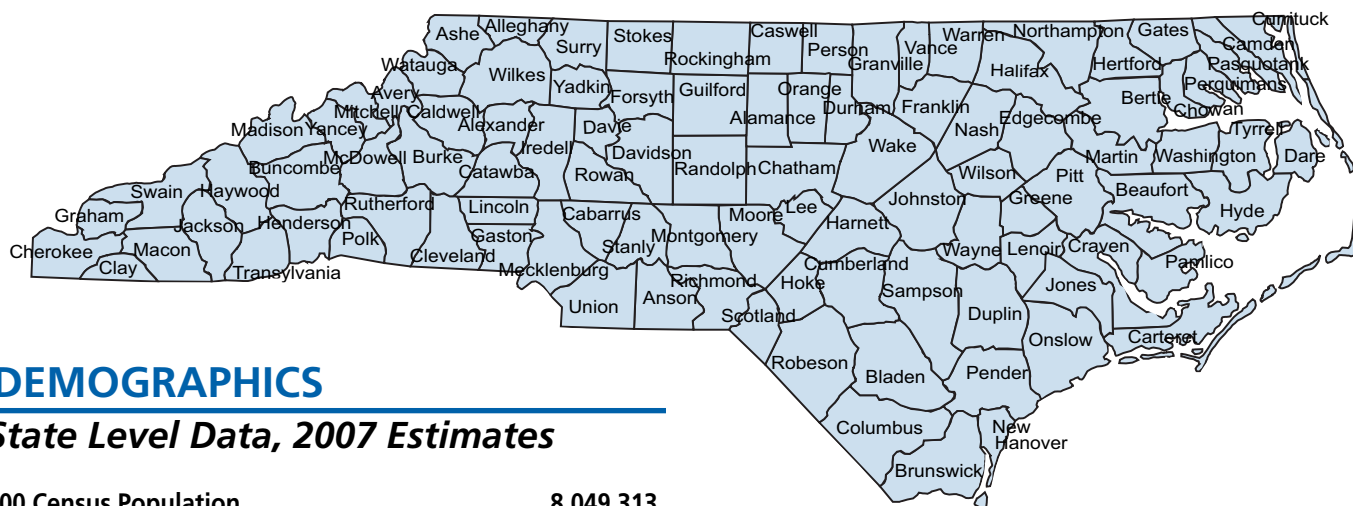


North Carolina

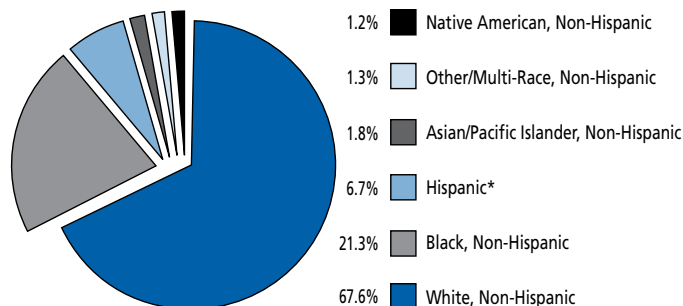


DEMOGRAPHICS

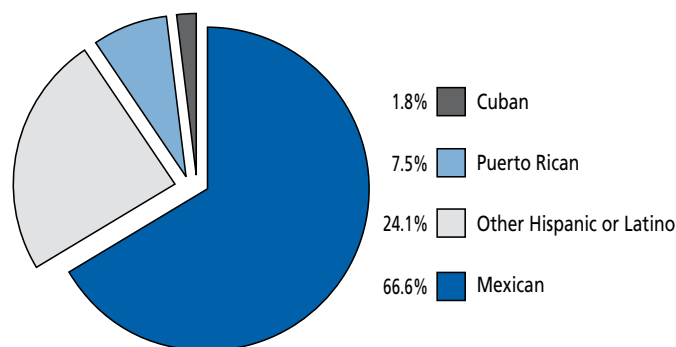
State Level Data, 2007 Estimates

2000 Census Population	8,049,313
2007 Estimate ¹	8,875,404
White, Non-Hispanic	6,000,159
Black, Non-Hispanic	1,893,321
Native American, Non-Hispanic	105,676
Asian/Pacific Islander, Non-Hispanic	163,189
Hispanic ²	598,562
Other/Multi-Race, Non-Hispanic	114,497

Distribution of North Carolina's Population by Race & Ethnicity



North Carolina's Hispanic/Latino Population by Sub-Ethnicity

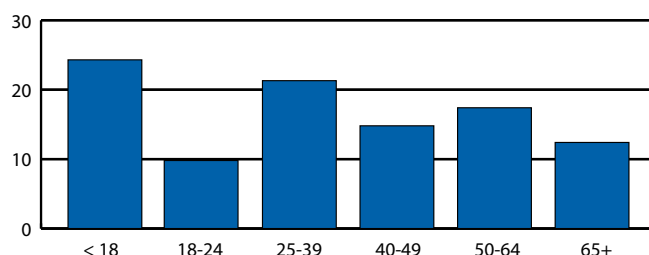


Factors Related to Access to Care

Percent unemployed ³	5.4%
Percentage with less than high school education	13.7%
Median household income	\$44,988
Percent households with income < \$15,000	14.4%
Percent households with income ≥ \$50,000	44.6%
Percent of households with no vehicle	6.5%
Percent rural population	41.0%
Percent minority	32.4%
% speak language other than English at home	9.6%
% with no usual source of health care coverage	22.1%

Age Distribution of North Carolina

Age Group	Number	%
< 18	2,157,416	24.3%
18 - 24	867,970	9.8%
25 - 39	1,886,342	21.3%
40 - 49	1,316,418	14.8%
50 - 64	1,544,451	17.4%
65 +	1,102,807	12.4%



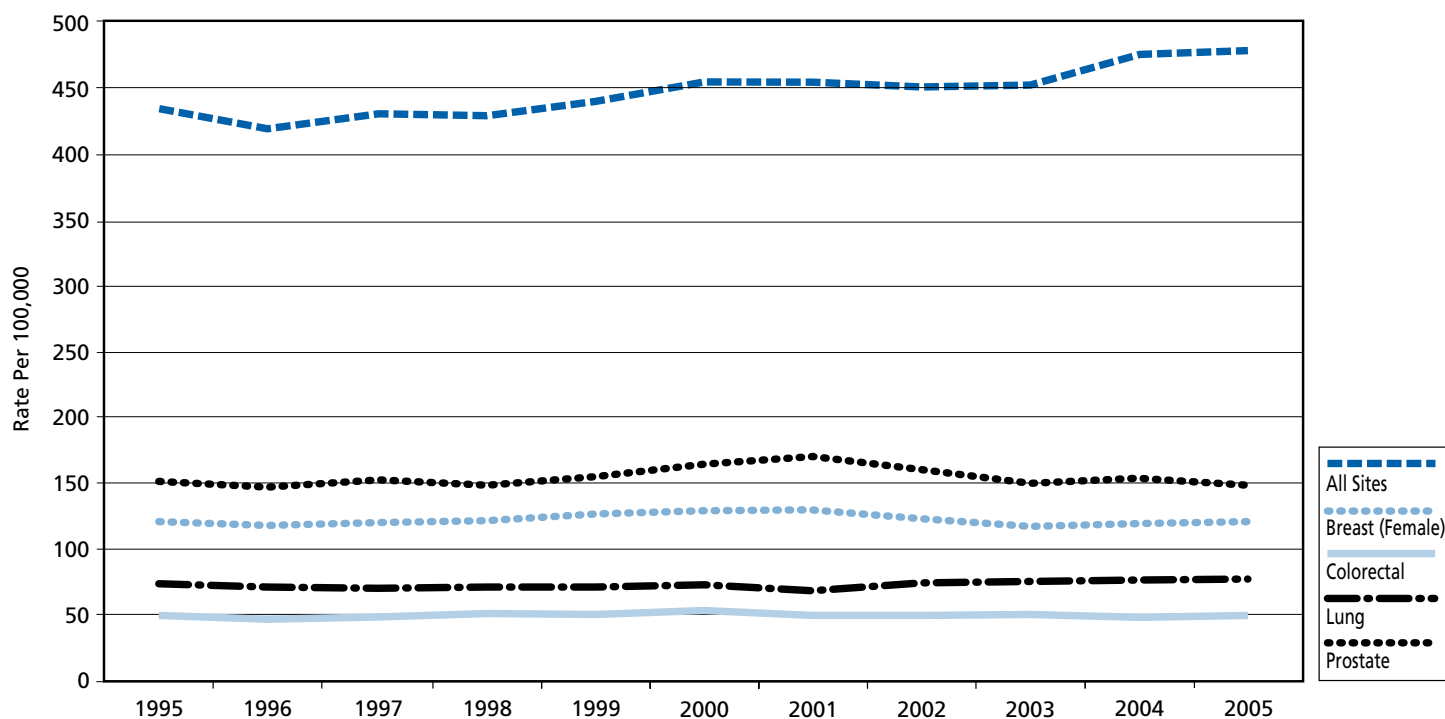
¹ Total is sum of White, Black, Native American, Asian/Pacific Islander, Other/Multi-Race, and Hispanic.

² Hispanic is an ethnicity, not a race.

³ Department of Labor <http://www.bis.gov/LAU/>, April 2008

Data Sources: Copyright © 2008, Thomson Medstat. ALL RIGHTS RESERVED; US Census Bureau, Population Fact Sheet, 2008, American Community Survey @ <http://factfinder.census.gov>

North Carolina Cancer Incidence Rates by Cancer Site (1995-2005)

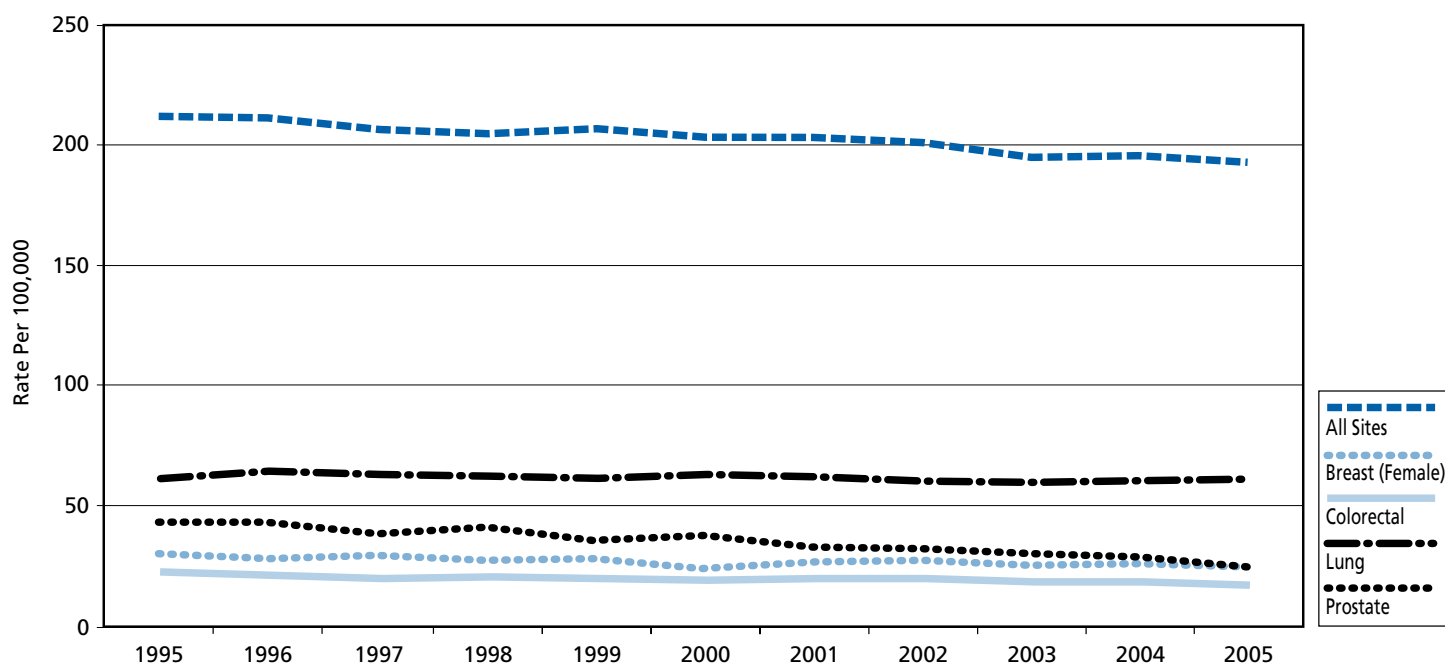


Note: Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.

Note: Data exclude in situ cancers except urinary bladder.

Source: North Carolina Central Cancer Registry

North Carolina Cancer Mortality Rates by Cancer Site (1995-2005)



Note: Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.

Source: North Carolina Central Cancer Registry

North Carolina Cancer Incidence, 2001-2005, by Site, Gender and Race

	All Races ¹		White		Black	
BOTH GENDERS	Cases	Rate	Cases	Rate	Cases	Rate
ALL SITES	194,014	461.6	155,021	458.0	35,246	478.9
COLORECTAL	20,240	48.6	15,847	46.9	4,053	56.3
LUNG & BRONCHUS	30,914	73.8	25,545	74.9	4,957	69.0
MELANOMA	6,998	16.6	6,843	20.5	56	0.8
MALE	Cases	Rate	Cases	Rate	Cases	Rate
ALL SITES	101,237	555.4	80,486	538.7	18,861	641.3
COLORECTAL	10,281	57.3	8,215	55.8	1,916	66.1
LUNG & BRONCHUS	18,082	100.9	14,689	99.3	3,164	110.3
MELANOMA	3,975	21.3	3,903	25.7	21	~
PROSTATE	28,757	156.1	21,051	138.2	7,080	248.2
FEMALE	Cases	Rate	Cases	Rate	Cases	Rate
ALL SITES	92,766	398.4	74,528	404.2	16,384	376.0
BREAST(FEMALE)	28,057	121.7	22,411	123.2	5,138	116.1
CERVICAL	1,746	7.9	1,205	7.2	453	10.1
COLORECTAL	9,957	41.9	7,631	39.9	2,136	49.9
LUNG & BRONCHUS	12,832	54.4	10,856	57.2	1,793	42.2
MELANOMA	3,022	13.4	2,939	17.0	35	0.8

Note: Data exclude basal and squamous cell skin and in situ cancers except urinary bladder.
Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.

¹ Includes White, Black and other races

Source: North Carolina Central Cancer Registry

North Carolina Cancer Mortality, 2001-2005, by Site, Gender and Race

	All Races ¹		White		Black	
BOTH GENDERS	Deaths	Rate	Deaths	Rate	Deaths	Rate
ALL SITES	81,428	197.1	64,091	190.4	16,412	233.3
COLORECTAL	7,553	18.4	5,753	17.2	1,711	24.5
LUNG & BRONCHUS	24,856	59.7	20,408	60.1	4,183	59.2
MELANOMA (SKIN)	1,203	2.9	1,159	3.5	41	0.6
MALE	Deaths	Rate	Deaths	Rate	Deaths	Rate
ALL SITES	42,952	252.7	33,777	240.3	8,710	327.8
COLORECTAL	3,759	22.2	2,915	20.9	806	30.1
LUNG & BRONCHUS	15,010	85.4	12,107	83.3	2,741	98.7
MELANOMA (SKIN)	740	4.1	719	4.9	^	~
PROSTATE	4,341	30.0	2,854	23.8	1,444	67.3
FEMALE	Deaths	Rate	Deaths	Rate	Deaths	Rate
ALL SITES	38,475	161.1	30,313	157.3	7,702	179.9
BREAST (FEMALE)	6,026	25.6	4,458	23.6	1,490	34.0
CERVICAL	591	2.6	394	2.2	186	4.1
COLORECTAL	3,793	15.6	2,837	14.4	905	21.3
LUNG & BRONCHUS	9,846	41.5	8,301	43.4	1,442	34.1
MELANOMA (SKIN)	463	2.0	440	2.4	^	~

Note: Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.

¹ Includes White, Black and other races

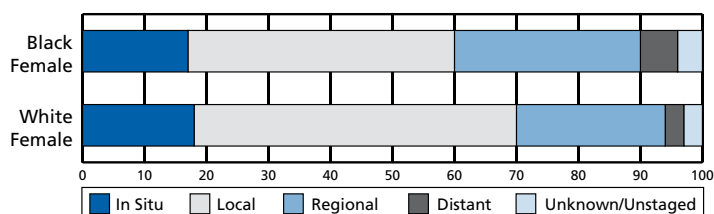
~ Number of deaths too small (25 or less) to calculate reliable rate.

Source: North Carolina Central Cancer Registry

North Carolina Cancer Stage at Diagnosis, Percent of Total Cases, 2001-2005, by Site and Race

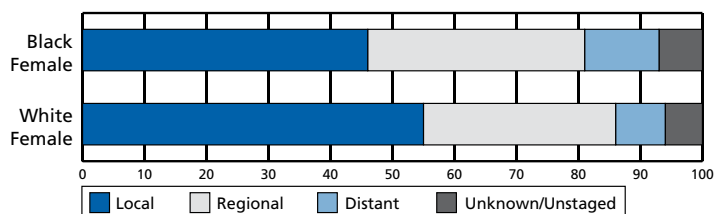
North Carolina Female Breast Cancer Stage of Disease at Diagnosis by Race, 2001-2005

	In Situ	Local	Regional	Distant	Unknown
Female, All Races¹	18.0	50.0	25.0	4.0	3.0
White Female	18.0	52.0	24.0	3.0	3.0
Black Female	17.0	43.0	30.0	6.0	4.0



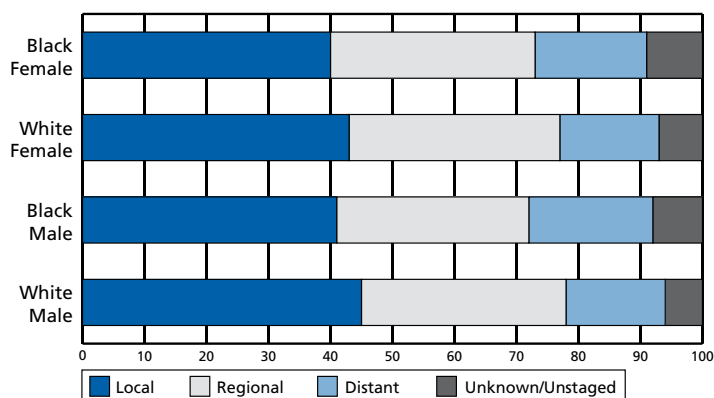
North Carolina Cervical Cancer² Stage of Disease at Diagnosis by Race, 2001-2005

	Local	Regional	Distant	Unknown
Female, All Races¹	52.0	33.0	9.0	6.0
White Female	55.0	31.0	8.0	6.0
Black Female	46.0	35.0	12.0	7.0



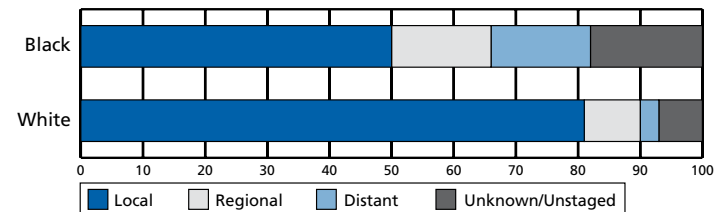
North Carolina Colorectal Cancer³ Stage of Disease at Diagnosis by Sex and Race, 2001-2005

	Local	Regional	Distant	Unknown
Male, All Races¹	44.0	33.0	17.0	6.0
White Male	45.0	33.0	16.0	6.0
Black Male	41.0	31.0	20.0	8.0
Female, All Races¹	43.0	34.0	16.0	7.0
White Female	43.0	34.0	16.0	7.0
Black Female	40.0	33.0	18.0	9.0



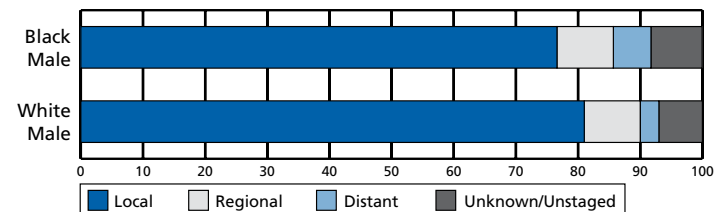
North Carolina Malignant Melanoma² Stage of Disease at Diagnosis by Race, 2001-2005

	Local	Regional	Distant	Unknown
All Races¹	81.0	9.0	3.0	7.0
White	81.0	9.0	3.0	7.0
Black	50.0	16.0	16.0	18.0



North Carolina Cancer of the Prostate² Stage of Disease at Diagnosis by Race, 2001-2005

	Local	Regional	Distant	Unknown
Male, All Races¹	79.0	9.0	4.0	8.0
White Male	81.0	9.0	3.0	7.0
Black Male	76.0	9.0	6.0	8.0



Notes: Stages not reported for lung and bronchus cancer due to unavailability of cost-effective early detection test.

¹Includes White, Black and other races

²Stages reported for invasive cervical, melanoma and prostate cancers only.

³In situ and local stages combined for colorectal cancer

Source: North Carolina Central Cancer Registry

North Carolina At a Glance

Tobacco

Tobacco Statistics

Tobacco Use in North Carolina (2007)

High school students who smoke	22.5%
Male high school students who use smokeless or spit tobacco	14.5%
	(female use much lower)
Kids (under 18) who become new daily smokers each year	13,800
Kids exposed to secondhand smoke at home	416,000
Packs of cigarettes bought or smoked by kids each year	18.6 million
Adults in North Carolina who smoke	22.9% (1,534,500)

Deaths in North Carolina From Smoking

Adults who die each year from their own smoking	11,900
Kids now under 18 and alive in North Carolina who will ultimately die prematurely from smoking	193,000
Adult nonsmokers who die each year from exposure to secondhand smoke	810 to 2,270

Smoking-Caused Monetary Costs in North Carolina

Annual health care costs in North Carolina directly caused by smoking	\$2.46 billion
- Portion covered by the state Medicaid program	\$769 million
Residents' state & federal tax burden from smoking-caused government expenditures	\$589 / household
Smoking-caused productivity losses in North Carolina	\$3.30 billion

Tobacco Industry Influence in North Carolina

Estimated portion spent for North Carolina marketing each year	\$569.3 million
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Estimated Tobacco Revenue in North Carolina – FY2008

Tobacco Settlement Revenues	\$158.6 million
Tobacco Tax Revenues	\$267.3 million
Total Annual State Revenues from Tobacco	\$425.9 million
% of Tobacco Revenue Spent on Tobacco Prevention	4.0%

Spending on Tobacco Prevention - FY2008

CDC Recommended Minimum Spending on Tobacco Prevention	\$42.6 million
% of CDC Recommended Minimum	40.2%
Rank Among States (1-51)	28

North Carolina State Screening Programs

Breast cancer screening: *BCCEDP**—*Breast and Cervical Cancer Control Program (NC BCCCP)*, target population: women 50-64, uninsured or underinsured, under 200% of Federal Poverty Level.
www.communityhealth.dhhs.state.nc.us/cancer.htm

BCCCP has CDC funding for the *WISEWOMAN* program enhancement that provides integrated cardiovascular screening and education on nutrition, physical activity, and tobacco use for *BCCCP* clients.

Colorectal cancer screening: There is mandatory coverage for colorectal screening. Colorectal cancer screening is promoted but there is no formal state screening activity.

Prostate cancer screening: There is no state screening program but prostate health and informed decision making are promoted per CDC guidelines and based on USPSTF recommendations.

*The Breast and Cervical Cancer Early Detection Program (BCCEDP) is a CDC-funded program in every state administered through the National Breast and Cervical Cancer Early Detection Program (NBCCEDP).

Nutrition and Physical Activity

State coalition: *Eat Smart, Move More...* North Carolina Leadership Team

www.ncpanbranch.com

www.eatsmartmovemorenc.com/index.html

Obesity initiatives: In addition to *Eat Smart, Move More*; the North Carolina Health and Wellness Trust Fund provides support for several adolescent-specific projects.

www.healthwellnc.com/hwtfc/htmlfiles/fundprty_obesity.htm

Access to Care

Number of Federally Qualified Health Centers and free clinics: 28 main clinics; 111 satellite clinics

State fund for Uninsured Cancer Patients: The NC Cancer Assistance Unit provides limited funding for diagnosis and treatment for eligible patients.

www.communityhealth.dhhs.state.nc.us/cancer/ccp.htm

Number of ACoS approved hospitals: 43

Number of NCI Cancer Centers: 3 Comprehensive Cancer Centers

Uninsured Population (18+): 22.1% (was 22.5% in 2005)



North Carolina Advisory Committee on Cancer Coordination and Control

www.nccancer.com

Status of Cancer Control Plan: The North Carolina Advisory Committee on Cancer Coordination and Control (NCAC), established in 1993, includes representatives from public and private organizations and institutions, cancer survivors, and legislators who are committed to reducing the burden of cancer in North Carolina.

The third 5-year plan is underway and in December, 2007, the ACCCC implemented the “*Living Plan for the People of North Carolina*” that is web-based so that it can be continuously updated and tracked.

Accomplishments

- The North Carolina (NC) Oncology Navigation Association (NCONA) held its inaugural meeting in April, 2008. Patient Navigators from across the state met to discuss how to better address quality of care through patient navigation. Goals of the NCONA are to embrace the vision and mission of the NC State Cancer plan; increase awareness of the Oncology Navigator role; ensure that all newly-diagnosed patients and their caregivers will be provided with patient navigation resources; and promote collegiality for best practice.
- The second North Carolina Cancer Survivorship Summit was held in June, 2008.
- An evaluation of the North Carolina Cancer Plan is underway using data collected by staff at the NC Comprehensive Cancer Program and the NCAC in order to measure processes employed in the implementation of the Plan. Measurement data on impact and outcome are obtained through the NC Central Cancer Registry, the NC Behavioral Risk Factor Surveillance System, North Carolina Cancer Survey as well as the National Cancer Institute and the Commission on Cancer of the American College of Surgeons.

Adult Risk Behavior

Early Detection

Recent Mammogram*, Women 40 and Older, North Carolina and U.S., 2006

	% North Carolina	% U.S.
40 years and older	63.9	61.2
40-64 years old	63.5	59.7
65 years and older	64.9	64.6
White only, non-Hispanic	64.1	61.6
Black only, non-Hispanic	66.1	62.7
Other race only, non-Hispanic	62.4	59.3
Hispanic	52.6	58.7
Low Education**	48.8	51.6
Uninsured	35.9	34.9

* Mammogram within the past year

** Women 40 years old and older with less than a high school education

***Women 40-64 who reported that they did not have coverage, including health insurance, prepaid plans such as HMOs, or government plans such as Medicare.

Source: Behavioral Risk Factor Surveillance System, 2006

Recent Pap Test*, Women 18 and Older, North Carolina and U.S., 2006

	% North Carolina	% U.S.
18 years and older	86.5	83.7
18-44 years	87.5	85.1
45-64 years old	89.6	86.6
65 years and older	74.6	70.8

* A pap test within the preceding 3 years for women with intact uteri.

Source: Behavioral Risk Factor Surveillance System, 2006

Recent Sigmoidoscopy/Colonoscopy*, Adults 50 and Older, North Carolina and U.S., 2006

	% North Carolina	% U.S.
50 years and older	53.3	50.0
50-64 years old	49.1	44.9
65 years and older	59.4	57.1
Male, 50 years or older	53.0	50.5
Male, 50-64 years old	47.5	45.1
Male, 65 years and older	62.4	59.5
Female, 50 years and older	53.6	49.5
Female, 50-64 years old	50.6	44.8
Female, 65 years and older	57.3	55.4
White only, non-Hispanic	54.2	51.5
Black only, non-Hispanic	52.3	49.3
Other races only, non-Hispanic	47.5	43.9
Hispanic	41.1	38.2
Low Education**	42.1	38.8
Uninsured***	26.0	20.9

* Sigmoidoscopy/Colonoscopy within the past 5 years

** Adults 50 years old and older with less than a high school education

***Adults 50-64 who reported that they did not have coverage, including health insurance, prepaid plans such as HMOs, or government plans such as Medicare.

Source: Behavioral Risk Factor Surveillance System, 2006

Recent Prostate-Specific Antigen Test*, Men 50 and Older North Carolina and U.S., 2006

	% North Carolina	% U.S.
50 years and older	56.1	53.8
50-64 years old	50.5	48.5
65 years and older	66.8	63.4
White only, non-Hispanic	57.7	55.6
Black only, non-Hispanic (45+)	50.4	48.1
Other races only, non-Hispanic	51.1	44.9
Hispanic	32.1	43.0
Low Education**	46.4	40.3

* Prostate-specific antigen test within the past year for men who reported they were not told by a doctor, nurse, or other health professional that they had prostate cancer

** Adults 50 years old and older with less than a high school education

Source: Behavioral Risk Factor Surveillance System, 2006

Prevention

Current Cigarette Smoking*, Adults 18 and Older, North Carolina and U.S., 2007

	% North Carolina	% U.S.
Total	22.9	19.5
18-24 years old	31.3	24.0
25-34 years old	25.6	23.9
35-44 years old	24.4	20.4
45-54 years old	26.9	22.3
55-64 years old	19.7	17.4
65 years and older	9.9	9.0
Male	25.2	21.6
Female	20.7	17.5
White only, non-Hispanic	23.1	19.8
Black only, non-Hispanic	23.0	21.6
Other race only, non-Hispanic	23.5	17.2
Hispanic	19.2	16.6
Low Education**	31.2	28.1
Female 18-44	24.1	20.0

* Ever smoked 100 cigarettes in lifetime and are current smokers (regular and irregular).

** Adults 25 years old and older with less than a high school education

Source: Behavioral Risk Factor Surveillance System, 2007

Physical Activity, Adults 18 and Older, North Carolina and U.S., 2007

No Leisure Time Physical Activity*	% North Carolina	% U.S.
Total	56.0	50.5
Male	53.4	48.5
Female	58.4	52.5
White only, non-Hispanic	53.1	48.4
Black only, non-Hispanic	62.3	58.6
Other race only, non-Hispanic	52.9	51.0
Hispanic	69.0	55.3
Low Education**	67.7	59.8

* Adults with 30+ minutes of moderate physical activity five or more days per week, or vigorous physical activity for 20+ minutes three or more days per week.

** Adults 25 years old and older with less than a high school education

Source: Behavioral Risk Factor Surveillance System, 2007

Nutrition, Adults 18 and Older, North Carolina and U.S., 2007

Eating 5 or More Fruits and Vegetables per Day	% North Carolina	% U.S.
Total	21.6	24.7
Male	18.2	20.3
Female	24.8	28.9
White only, non-Hispanic	23.1	24.6
Black only, non-Hispanic	18.5	23.1
Other race only, non-Hispanic	25.2	27.9
Hispanic	14.7	24.7
Low Education*	11.1	19.8

* Adults 25 years old and older with less than a high school education
Source: Behavioral Risk Factor Surveillance System, 2007

Overweight*, Adults 18 and Older, North Carolina and U.S., 2007

	% North Carolina	% U.S.
Total	64.6	62.8
Male	70.5	70.4
Female	58.8	55.3
White only, non-Hispanic	62.5	61.7
Black only, non-Hispanic	74.7	72.6
Other race only, non-Hispanic	57.7	47.6
Hispanic	62.4	67.7
Low Education**	69.1	70.8

* Overweight is defined as having body mass index of 25 kg/m² or greater

** Adults 25 years old and older with less than a high school education
Source: Behavioral Risk Factor Surveillance System, 2007

Youth Risk Behavior

Tobacco Use, High School Students, North Carolina and U.S., 2007

Current Cigarette Smoking*	% North Carolina	% U.S.
Total	22.5	20.0
Male	22.5	21.3
Female	22.2	18.7

Current Smokeless Tobacco Use - not available

* Smoked cigarettes on 1 or more of the 30 days preceding the survey
Source: Youth Risk Behavior Surveillance System, 2007

Physical Activity, High School Students, North Carolina and U.S., 2007

Met Current Physical Activity Level*	% North Carolina	% U.S.
Total	44.3	34.7
Male	54.0	43.7
Female	34.8	25.6

* Were physically active during any kind of physical activity that increased their heart rate and made them breathe hard some of the time for a total of at least 60 minutes/day on 5 or more days during the 7 days before the survey
Source: Youth Risk Behavior Surveillance System, 2007

Nutrition, High School Students, North Carolina and U.S., 2007

Eating 5 or More Fruits and Vegetables per Day - data not available	% North Carolina	% U.S.
Total	14.8	21.4
Male	15.1	22.9
Female	14.3	19.9

Source: Youth Risk Behavior Surveillance System, 2007

Overweight/Obese High School Students, North Carolina and U.S., 2007

Obese*	% North Carolina	% U.S.
Total	12.8	13.0
Male	15.9	16.3
Female	9.5	9.6
Overweight**		
Total	17.1	15.8
Male	17.0	16.4
Female	17.2	15.1

* Obese - At or above the 95th percentile for body mass index, by age and sex, based on reference data from the National Health and Nutrition Examination Survey

** - Overweight - At or above the 85th percentile but below the 95th percentile for body mass index, by age and sex, based on reference data from the National Health and Nutrition Examination Survey.
Source: Youth Risk Behavior Surveillance System, 2007